

Welcome to Rare & Precision Town Hall meeting

Alexey A. Petrov
Wayne State University

Marina Artuso, Bob Bernstein
Syracuse University Fermilab

Letters of Interest (submission period: April 1, 2020 – August 31, 2020)

Letters of interest allow Snowmass conveners to see what proposals to expect and to encourage the community to begin studying them. **They will help conveners to prepare the Snowmass Planning Meeting that will take place on October 5 - 7, 2020 at Fermilab.** Letters should give brief descriptions of the proposal and cite the relevant papers to study. Instructions for submitting letters are available at <https://snowmass21.org/loi>. Authors of the letters are encouraged to submit a full writeup for their work as a contributed paper.

Contributed Papers (submission period: April 1, 2020 – July 31, 2021)

Contributed papers will be part of the Snowmass proceedings. They may include white papers on specific scientific areas, technical articles presenting new results on relevant physics topics, and reasoned expressions of physics priorities, including those related to community involvement. **These papers and discussions throughout the Snowmass process will help shape the long-term strategy of particle physics in the U.S.** Contributed papers will remain part of the permanent record of Snowmass 2021. Instructions for submitting contributed papers are available at <https://snowmass21.org/submissions/>

Final Product: Snowmass 2021 Report

This meeting is held in response to Letters of Interest (LOIs) submitted to our Frontier. The Town Hall will offer submitters of LOIs a chance to make presentations on the topic of their LOIs.

Goal for the R&P Town Hall meeting

- This meeting is held in response to Letters of Interest (LOIs) submitted to our Frontier. Each presentation at the meeting should address the following points:
 - What is the physics/motivation for each LOI?
 - What will you work on between now and Snowmass, and what is your schedule for developing a contributed paper?
 - What common data sets, joint efforts, etc. do you need?
 - What would you like to come out of the Snowmass process?
- The results will be reported at the Community Planning Meeting (CPM) which will happen next week (Oct 5-8).
- See CPM website: <https://indico.fnal.gov/event/44870/>

RPF Parallels We Co-Lead

- Tuesday
 - 109: Masses and Nature of Neutrinos/Cirigliano/11:30AM -1:30 PM
 - 125: EFTs for New Physics/Petrov/11:30AM -1:15 PM
 - 126: BSM: Direct and Indirect Searches/Bernstein/1:00-2:30 PM
 - 127: Searches for Dark Sectors/Batell/2:00-4:00 PM
 - 130: Enabling Technologies for Low Mass and ps timing Detectors/Artuso/11:30AM-12:30 PM
 - 131: Physics Requirements for HEP Detectors at Colliders/Artuso/12:30-1:30 PM
 - 29: Low Energy Precision Measurements/Winter/3:00-4:00PM
 - 40: Exotic Hadron Spectroscopy/Skwarnicki & Lebed/3:00PM-4:00PM

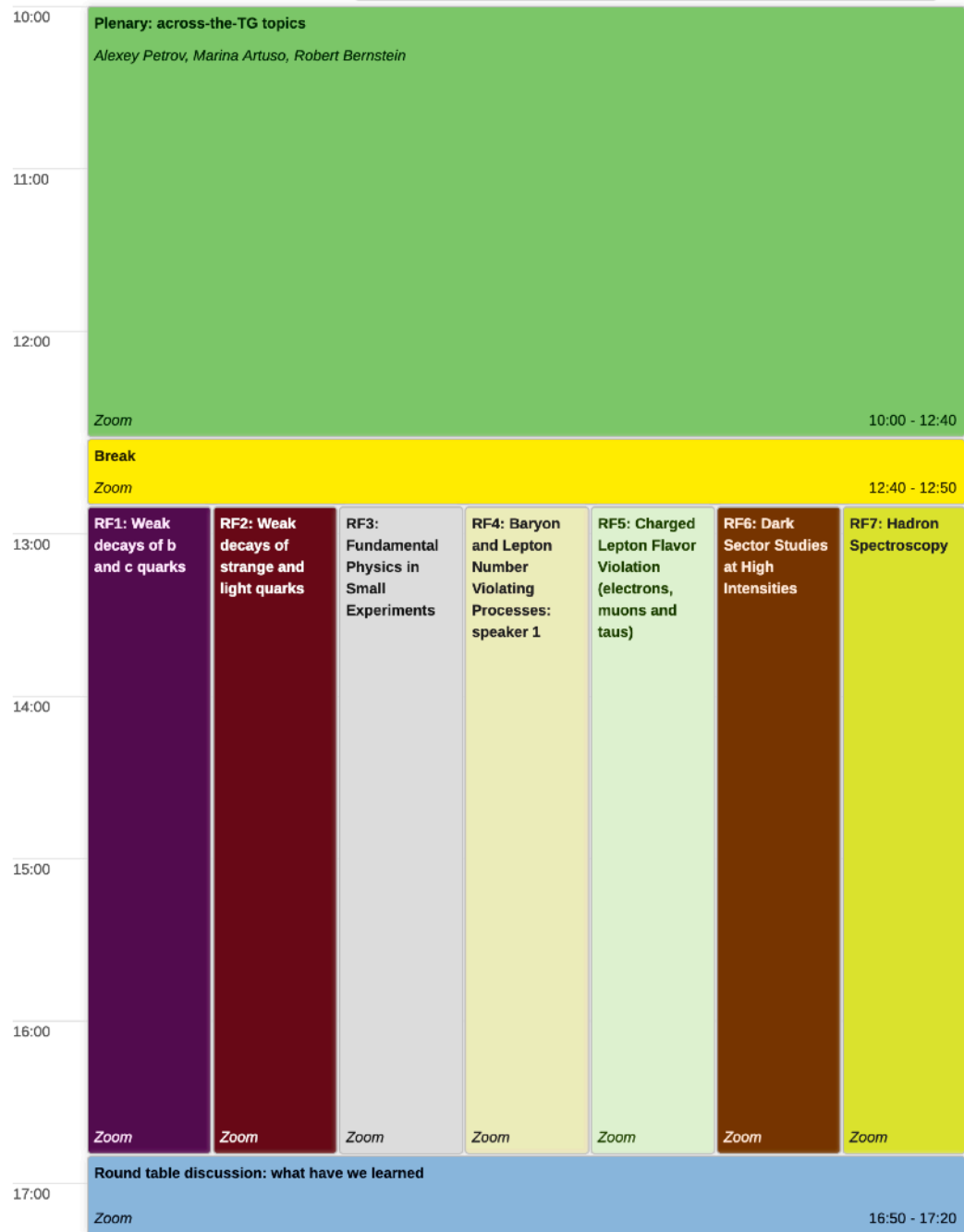
108. Accelerator Probes of Light Dark Matter/Gori/Williams 11:30-12:30 pm

B. Bernstein

RPF Parallels We Co-Lead

- Wednesday
 - 110: Baryon and Lepton Number Violating Processes/ Perez & Pocar/ 1PM
 - 28: Theory Challenges in Precision Measurements/Petrov/1PM
 - 41: Anomalies in Flavor Physics/ DiCanto /1PM
 - 44: New Accelerator Concepts for High Intensity Muon Beams/ Echenard/ 1PM
 - 51: Low Background & Underground Detectors/Pocar/ 3:00 PM

B. Bernstein



DPF Core Principles and Community Guidelines (CP&CG)

- By participating in this meeting, you agree to adhere to the CP&CG
 - **Respect and support community members**
 - **Commit to constructive dialogue and take initiative**
 - Details of what this means, expectations for behavior, and accountability procedures are provided in the CP&CG document linked at:
<https://snowmass21.org/cpcg/start>
- Everyone is invited to invoke the CP&CG as needed to encourage constructive and supportive collaboration
- The conveners of this meeting are your recommended first point of contact for reports of CP&CG violations occurring here
 - The conveners have received training in the CP&CG and how to handle reports
 - The CP&CG accountability procedure is designed to encourage early intervention and is flexible enough to appropriately address issues ranging from the discourteous to the egregious
 - Please do not hesitate to contact us!
- Snowmass is most successful when everyone's voice can be heard!

SPEAKERS: please, stay on time!

Also: turn off your video if not speaking